

Sanghamitra Samantaray

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

532
citations

687363

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32
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32
docs citations

32
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	Androgenesis in indica rice: A comparative competency in development of doubled haploids. PLoS ONE, 2022, 17, e0267442.	2.5	9
2	Effects of high temperature on spikelet sterility in rice (<i>Oryza sativa</i> L.): association between molecular markers and allelic phenotypic effect in field condition. Genetic Resources and Crop Evolution, 2021, 68, 1923-1935.	1.6	5
3	Role of transporters in plant disease resistance. Physiologia Plantarum, 2021, 171, 849-867.	5.2	22
4	Anther Culture Efficiency in Quality Hybrid Rice: A Comparison between Hybrid Rice and Its Ratooned Plants. Plants, 2020, 9, 1306.	3.5	12
5	Understanding the Plant-microbe Interactions in CRISPR/Cas9 Era: Indeed a Sprinting Start in Marathon. Current Genomics, 2020, 21, 429-443.	1.6	14
6	Blast resistance in Indian rice landraces: Genetic dissection by gene specific markers. PLoS ONE, 2019, 14, e0211061.	2.5	33
7	Conservation of medicinal yam <i>in vitro</i> : Effect of ionic strength, sucrose, mannitol, ABA and low temperature. Indian Journal of Horticulture, 2019, 76, 701.	0.1	3
8	Rice with pulses or cooking oils can be used to elicit lower glycemic response. Journal of Food Composition and Analysis, 2018, 71, 1-7.	3.9	26
9	Effect of multiple allelic combinations of genes on regulating grain size in rice. PLoS ONE, 2018, 13, e0190684.	2.5	29
10	Frequency and fertility restoration efficiency of <i>Rf3</i> and <i>Rf4</i> genes in Indian rice. Plant Breeding, 2017, 136, 74-82.	1.9	9
11	Development of doubled haploids from an elite indica rice hybrid (BS6444G) using anther culture. Plant Cell, Tissue and Organ Culture, 2017, 128, 679-689.	2.3	35
12	Bioavailability of iron and zinc as affected by phytic acid content in rice grain. Journal of Food Biochemistry, 2017, 41, e12413.	2.9	42
13	Use of molecular markers in identification and characterization of resistance to rice blast in India. PLoS ONE, 2017, 12, e0176236.	2.5	26
14	Doubled Haploids generated through anther culture from an elite long duration rice hybrid, CRHR32: Method optimization and molecular characterization. Plant Biotechnology, 2016, 33, 177-186.	1.0	31
15	Plant regeneration from callus cultures of <i>Vitex trifolia</i> (Lamiales: Lamiaceae): a potential medicinal plant. Revista De Biologia Tropical, 2013, 61, 1083-94.	0.4	4
16	Identification of sex-specific DNA markers in betel vine (<i>Piper betle</i> L.). Genetic Resources and Crop Evolution, 2012, 59, 645-653.	1.6	16
17	Identification and assessment of genetic relationships in three Chlorophytum species and two high yielding genotypes of <i>C. borivilianum</i> through RAPD markers. Biologia (Poland), 2011, 66, 244-250.	1.5	3
18	Factors influencing rapid clonal propagation of <i>Chlorophytum arundinaceum</i> (Liliales: Liliaceae), an endangered medicinal plant. Revista De Biologia Tropical, 2011, 59, 435-45.	0.4	4

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19	Identification of RAPD markers linked to sex determination in guggal [<i>Commiphora wightii</i> (Arnott.) Bhandari. <i>Plant Biotechnology Reports</i> , 2010, 4, 95-99.	1.5	24
20	Evaluation of genetic relationships in <i>Plantago</i> species using Random Amplified Polymorphic DNA (RAPD) markers. <i>Plant Biotechnology</i> , 2010, 27, 297-303.	1.0	12
21	Direct shoot regeneration from immature inflorescence cultures of <i>Chlorophytum arundinaceum</i> and <i>Chlorophytum borivilianum</i> . <i>Biologia (Poland)</i> , 2009, 64, 305-309.	1.5	9
22	Rapid plant regeneration and assessment of genetic fidelity of in vitro raised plants in <i>Aloe barbadensis</i> Mill. using RAPD markers. <i>Acta Botanica Gallica</i> , 2008, 155, 427-434.	0.9	6
23	Induction, selection and characterization of Cr and Ni-tolerant cell lines of <i>Echinochloa colona</i> (L.) Link in vitro. <i>Journal of Plant Physiology</i> , 2001, 158, 1281-1290.	3.5	33
24	Chromium and nickel tolerance of <i>Trema orientalis</i> (Blume) L. in tissue culture. <i>Acta Physiologiae Plantarum</i> , 1999, 21, 27-35.	2.1	10
25	Role of chromium on plant growth and metabolism. <i>Acta Physiologiae Plantarum</i> , 1998, 20, 201-212.	2.1	61
26	In vitro selection and characterization of Ni-tolerant callus lines of <i>Setaria italica</i> L. <i>Acta Physiologiae Plantarum</i> , 1998, 20, 269-275.	2.1	16
27	Differential nickel tolerance of mung bean (<i>Vigna radiata</i> L.) genotypes in nutrient culture. <i>Agronomy for Sustainable Development</i> , 1998, 18, 537-544.	0.8	5
28	MANGANESE TOXICITY IN ECHINOCHLOA COLONA: EFFECTS OF DIVALENT MANGANESE ON GROWTH AND DEVELOPMENT. <i>Israel Journal of Plant Sciences</i> , 1997, 45, 9-12.	0.5	9